

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS FOR MONITORING THE POSITION OF A
SEMICONDUCTOR PROCESSING ROBOT**

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on _____, under Serial No. _____, executed on even date herewith; or
- Express Mail No. (as Serial No. not yet known)
and was amended on _____ (if applicable)
- was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. 119)

I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.
 Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

C. U.S. Provisional Application filed within 12 months prior to this application

<u>Serial No.</u>	<u>Filing Date</u>
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PRIORITY CLAIM (35 U.S.C. 120)

I hereby claim the benefit under Title 35, United States Code, 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

No such applications have been filed
 Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>	<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
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POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Raymond Kam-On Kwong	Registration No. 37,165
Joseph Bach	Registration No. 37,771
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
B. Todd Patterson	Registration No. 37,906
Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
William B. Patterson	Registration No. 34,102

Send correspondence to: **Direct telephone calls to:**

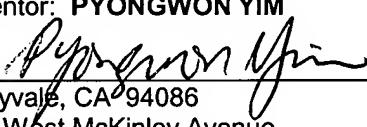
Patent Counsel
APPLIED MATERIALS, INC.
P.O. Box 450-A
Santa Clara, CA 95052

Raymond R. Moser, Jr.
MOSER, PATTERSON & SHERIDAN, L.L.P.
(732) 530-9404

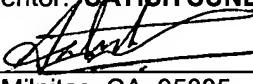
DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

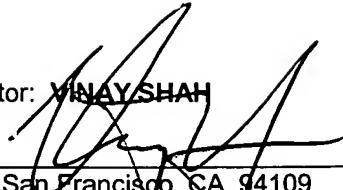
Full name of sole or first inventor: PYONGWON YIM

Inventor's signature:  Date: 10-7-2003
Residence: Sunnyvale, CA 94086
Post Office Address: 1196 West McKinley Avenue
U.S.A. Country of Citizenship: U.S.A.

Full name of second inventor: SATISH SUNDAR

Inventor's signature:  Date: Oct 3, 2003
Residence: Milpitas, CA 95035
Post Office Address: 1366 Terra Alta Drive
U.S.A. Country of Citizenship: India

Full name of third inventor: VINAY SHAH

Inventor's signature: 
Residence: San Francisco, CA 94109
Post Office Address: 1090 Eddy Street #104
U.S.A.

Date: 10-9-03

Country of Citizenship: U.S.A.

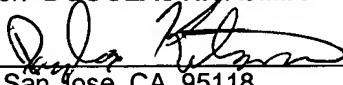
Full name of fourth inventor: MARIO DAVID SILVETTI

Inventor's signature: 
Residence: Morgan Hill, CA 95037
Post Office Address: 3450 White Oak Court
U.S.A.

Date: 10-3-03

Country of Citizenship: U.S.A.

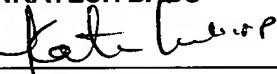
Full name of fifth inventor: DOUGLAS KITAJIMA

Inventor's signature: 
Residence: San Jose, CA 95118
Post Office Address: 3258 Gardendale Drive
U.S.A.

Date: 10-3-03

Country of Citizenship: U.S.A.

Full name of sixth inventor: VENKATESH BABU

Inventor's signature: 
Residence: San Jose, CA 95121
Post Office Address: 2962 Abigail Lane
U.S.A.

Date: 10/7/03

Country of Citizenship: India

Full name of seventh inventor: VISWESWAREN SIVARAMAKRISHNAN

Inventor's
signature: _____ Date: _____
Residence: Santa Clara, CA 95051
Post Office Address: 2223 August Place
U.S.A.

Country of Citizenship: U.S.A.

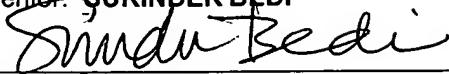
Full name of eighth inventor: INDRAJIT LAHIRI

Inventor's signature: 
Residence: Santa Clara, CA 95051
Post Office Address: 1887 Andrea Place
U.S.A.

Date: 10/7/03

Country of Citizenship: India

Full name of ninth inventor: **SURINDER BEDI**

Inventor's signature: 

Date: Oct 10, 2003

Residence: Fremont, CA 94539-6205

Post Office Address: 44296 Hunter Place
U.S.A.

Country of Citizenship: U.S.A.

(Declaration ends with this page)

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Raymond R. Moser, Jr.	Registration No. 34,682
Keith M. Tackett	Registration No. 32,008
William B. Patterson	Registration No. 34,102

Send correspondence to: **Direct telephone calls to:**

Patent Counsel	Raymond R. Moser, Jr.
APPLIED MATERIALS, INC.	MOSER, PATTERSON & SHERIDAN, L.L.P.
P.O. Box 450-A	(732) 530-9404
Santa Clara, CA 95052	

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Full name of sole or first inventor: **PYONGWON YIM**

Inventor's signature: _____ Date: _____
Residence: Sunnyvale, CA 94086
Post Office Address: 1196 West McKinley Avenue
U.S.A. Country of Citizenship: U.S.A.

Full name of second inventor: **SATISH SUNDAR**

Inventor's signature: _____ Date: _____
Residence: Milpitas, CA 95035
Post Office Address: 1366 Terra Alta Drive
U.S.A. Country of Citizenship: India

Full name of third inventor: **VINAY SHAH**

Inventor's signature: _____ Date: _____
Residence: San Francisco, CA 94109
Post Office Address: 1090 Eddy Street #104
U.S.A. Country of Citizenship: U.S.A.

Full name of fourth inventor: **MARIO DAVID SILVETTI**

Inventor's signature: _____ Date: _____
Residence: Morgan Hill, CA 95037
Post Office Address: 3450 White Oak Court
U.S.A. Country of Citizenship: U.S.A.

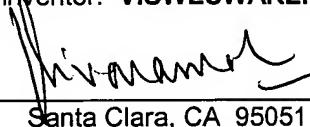
Full name of fifth inventor: **DOUGLAS KITAJIMA**

Inventor's signature: _____ Date: _____
Residence: San Jose, CA 95118
Post Office Address: 3258 Gardendale Drive
U.S.A. Country of Citizenship: U.S.A.

Full name of sixth inventor: **VENKATESH BABU**

Inventor's signature: _____ Date: _____
Residence: San Jose, CA 95121
Post Office Address: 2962 Abigail Lane
U.S.A. Country of Citizenship: India

Full name of seventh inventor: **VISWESWAREN SIVARAMAKRISHNAN**

Inventor's signature:  Date: 10/27/03
Residence: Santa Clara, CA 95051
Post Office Address: 2223 August Place
U.S.A. Country of Citizenship: U.S.A.

Full name of eighth inventor: **INDRAJIT LAHIRI**

Inventor's signature: _____ Date: _____
Residence: Santa Clara, CA 95051
Post Office Address: 1887 Andrea Place
U.S.A. Country of Citizenship: India

Full name of ninth inventor: **SURINDER BEDI**

Inventor's signature: _____ Date: _____
Residence: Fremont, CA 94539-6205
Post Office Address: 44296 Hunter Place
U.S.A. Country of Citizenship: U.S.A.

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